

6.0 TEN YEAR IMPLEMENTATION PLAN (FY 2016 – FY 2025)

The Ten Year FY2016-FY2025 *MDT10Ahead* Implementation Plan Tables present the transit project items' cost and status as of December 2014, with page references to the *MDT10Ahead* 2014 Major Update page for detailed project descriptions. Tables 6-1 through 6-3 list MDT's Funded, Partially Funded, and Unfunded Projects. Information highlighting changes in scope, timing, budget or completion versus the 2014 Major Update is also provided in each table.

MDT's strategy for this implementation plan is to improve existing Metrobus routes, implement new Metrobus routes, advance premium transit corridors identified throughout Miami-Dade County and discontinue unproductive routes. MDT will continue to focus on improving on-time performance, providing a clean and attractive system for passenger use, improve customer convenience through the latest available technology and assess system expansion opportunities.

6.1 Funded Transit Projects

Table 6-1 presents a listing of various capital, operational, and infrastructure improvement projects that are funded and will be implemented within the *MDT10Ahead* planning horizon over the next ten years.

This page intentionally left blank

Ten Year Implementation Plan

Table 6-1: Funded Transit Projects FY 2016 - FY 2025

Map ID #	Project Name	Location	Project Description Reference MDT10Ahead Major Update Page	Commission District	Project		Cost (in 000s)		Number of Buses†	Type of Change	Status		2040 LRTP Status
					Type [§]	Phase	Capital Cost	O&M (Annual)			2014 Major Update Implementation Year	2015 Annual Update Implementation Year*	
1	SR 836 Express Bus C Line	Dolphin Station to Downtown Miami Intermodal Terminal	This route would provide premium express transit service along SR 836 from the proposed park-and-ride/transit center Dolphin Station (NW 12th Street and HEFT) to the proposed Downtown Miami Intermodal Terminal (NW 1st Street and NW 1st Avenue). This route will operate during peak periods only. Service headways will be 10 minutes during the AM/PM peak-hour	6,10,11,12	6	Operations	\$21,900	\$2,300	11A	New Express Bus Service	2019	2017	Priority I
2	Kendall P&R Facility	Kendall Dr and SW 127 Ave	Construct Park and Ride facility	10	11	Capital	\$2,760	\$0	0	Station Improvements	2017	2017	Priority I
3	Route 297 (NW 27 Ave Orange MAX)	NW 211 Street to Miami Intermodal Center	Route to be transformed to the NW 27 Avenue Enhanced Bus	1,2,3,6	14	Operations	\$0	-\$2,400	-9	Route Rebrand	2019	2019	Priority I
	NW 27 Ave EBS (North Corridor)	Countywide	Purchase 60 foot buses to extend bus service along NW 27 Ave from NW 215 St to the MIC; install Wi-Fi, bus real-time signs, transit signal priority and build new robust bus stations and a Park and Ride terminal	1,2,3,6	6	Capital	\$37,000	\$3,740	11A	New Enhanced Bus Service	2019	2019	Priority I
4	Unity Station	NW 215th St and NW 27th Ave	Construct Park and Ride facility/Transit Center	1	11	Capital	Cost included in NW 27 Ave EBS	TBD	0	Access Improvement	2019	2019	Priority I
5	Tamiami Station	SW 8th St and SW 147th Ave	Construct Park and Ride facility/Transit Center	12	11	Capital	Cost included in SR 836 Express Bus Line A	TBD	0	Access Improvement	2019	2019	Priority I
6	Golden Glades Intermodal Terminal Phase I	Golden Glades Interchange	Located in northern Miami-Dade County, adjacent to city of Miami Gardens, North Miami Beach, North Miami and the Golden Glades Community. The center will feature a multi-story parking garage with 920 spaces, a surface parking north lot with 223 spaces, and a surface parking south lot with 545 spaces, equaling to a total of 1,688 parking spaces. The complex will also feature 4,500 square feet (sqft) transit hub, 10,450 sqft retail space, 945 sqft break lounge for transit use. Project will also include improved bicycle and pedestrian amenities	1	9, 11	Capital (FDOT Project)	\$51,243	TBD	0	Station Improvements	N/A	2018	Priority I
7	Dolphin Station	NW 12th St and NW 122nd Ave	Construct Park and Ride Facility/Transit Center	12	11	Capital	Cost included in SR 836 Express Bus Line C	TBD	0	Access Improvement	2019	2017	Priority I
8	Panther Station	Florida International University's (FIU) Modesto A. Maidique Campus – MMC	Transit Center will be built as part of SR 836 Express Bus B Line	12	9	Capital	Cost included in SR 836 Express Bus Line A	TBD	0	Station Improvements	2019	2019	N/A
9	Route 93 (Biscayne MAX)	Biscayne Boulevard Corridor	Route to be transformed to the Biscayne Enhanced Bus	2,3,4,5	14	Operations	\$0	-\$2,800	-10A	Route Rebrand	2021	2021	Priority II
	Biscayne EBS	Aventura to Downtown Miami	Premium limited-stop transit service along Biscayne Boulevard/US-1 from Downtown Miami to Aventura Mall	2,3,4,5	14	Operations	\$21,000	\$3,900	15A	New Enhanced Bus Service	2021	2021	Priority II
Not mapped	Mover Fiber Replacement	Various Sites	Replace degraded fiber on mover system	3,5	7	Capital	\$4,936	\$200	0	State of Good Repair	2014	2014	N/A
Not mapped	Bus CAD/AVL	111 NW 1 St	Continue network upgrade to infrastructure to support real-time Bus Tracking System and replace existing Computer-Aided Dispatch (CAD)/Automatic Vehicle Locator (AVL) System	Countywide	2	Capital	\$17,910	\$250	0	Operations Improvement	2015	2015	N/A
Not mapped	Metrorail Maintenance Vehicle Lifts	Metrorail	Purchase lift equipment for Metrorail maintenance at the Lehman Center to replace existing deteriorating lift	2,3,5,7,12,13	8	Capital	\$5,400	TBD	0	State of Good Repair	2015	2015	N/A
Not mapped	Transit Operations SYSTEM (TOS) Replacement Project	111 NW 1 St	Replace obsolete equipment and antiquated hardware needed to dispatch Bus Operator payroll	5	2	Capital	\$4,310	\$400	0	State of Good Repair	2015	2015	N/A
Not mapped	State of Good Repair Projects	Various Sites	Purchase equipment and materials required for the safe operation of Transit Metrorail, Metromover, and Metrobus	Countywide	10	Capital	\$38,205	\$0	0	State of Good Repair	ongoing	ongoing	N/A
Not mapped	Traction Power Rectifier Transformer Replacement for Rail	Countywide	Replace approximately 38 dated transformers on the legacy Metrorail System	2,3,5,7,12,13	8	Capital	\$12,880	\$0	0	State of Good Repair	2015	2015	N/A
Not mapped	Route 3	Aventura to Downtown Miami	No planned service improvements. Replace 8 of the 13 buses with new articulated buses	2,3,4,5	14	Operations	\$8,000	\$0	8A -8	Bus Purchase	2016	2016	N/A
Not mapped	Route 38	Dadeland South Metrorail to Florida City	No planned service improvements. Replace 14 standard size buses with 14 new articulated buses	7,8,9	14	Operations	\$14,000	\$0	14A -14	Bus Purchase	2016	2016	N/A
Not mapped	Route 93 (Biscayne MAX)	Biscayne Boulevard Corridor	No planned service improvements. Replace 10 existing standard size buses with 10 new articulated buses	2,3,4,5	14	Operations	\$10,000	\$0	10A -10	Bus Purchase	2016	2016	N/A
Not mapped	Route 115 (Mid-Beach Local)	88 Street to Lincoln Road	Route to be shortened and consolidated with Route 117 to complement new City of Miami Beach Trolley Service	4,5	14	Operations	\$0	-\$425	-2	Route Consolidation	2016	2016	N/A
Not mapped	Route 117 (North Beach Local)	88 Street to Lincoln Road	Route to be shortened and consolidated with Route 115 to complement new City of Miami Beach Trolley Service	4,5	14	Operations	\$0	-\$425	-2	Route Consolidation	2016	2016	N/A
10	Bus and Bus Facilities (Dadeland South Intermodal Station)	Various Sites	Provide federal allocation designated for bus and bus facility projects to include the bus garages, plumbing, roofing, fire suppression, and Dadeland South Intermodal station passenger amenities and signage.	Countywide	2	Capital	\$22,547	\$0	0	State of Good Repair	ongoing	ongoing	N/A
11	Northeast Transit Hub Enhancements	163 St and Aventura Mall	Improvements at existing transit centers at 163 Street Mall and Aventura Mall	4	12	Capital	\$3,284	\$0	0	Station Improvements	2015	2016	N/A
Not mapped	Busway ADA Improvements	Various Sites	Continuation of pedestrian accessibility improvements along South Miami-Dade Busway	8,9	1	Capital	\$2,716	\$0	0	Station Improvements	2016	2016	N/A



Ten Year Implementation Plan

Table 6-1: Funded Transit Projects FY 2016 - FY 2025

Map ID #	Project Name	Location	Project Description Reference MDT10Ahead Major Update Page	Commission District	Project		Cost (in 000s)		Number of Buses†	Type of Change	Status		2040 LRTP Status
					Type [§]	Phase	Capital Cost	O&M (Annual)			2014 Major Update Implementation Year	2015 Annual Update Implementation Year*	
12	Pedestrian Overpass - University Metrorail Station	US 1 and Mariposa Ave	Construct a pedestrian overpass	7	8	Capital	\$6,628	\$0	0	Access Improvement	2016	2016	N/A
Not mapped	195 BC	Broward Blvd to Civic Center	Replace 4 standard size buses with 4 new articulated buses	Countywide	6	Operations	\$4,000	\$0	4A -4	Bus Purchase	2017	2017	N/A
Not mapped	195 SC	Sheridan Street to Civic Center	Replace 3 standard size buses with 3 new articulated buses	Countywide	6	Operations	\$3,000	\$0	3A -3	Bus Purchase	2017	2017	N/A
Not mapped	Track and Guideway Rehabilitation	Countywide	Rehabilitate existing track and guideway equipment and fixtures; replacement of safety items for rail to include coverboard, fasteners, insulated joints, metal acoustical barriers, and drains; replace 10-15 year rail bound service equipment	2,3,5,7,12,13	8	Capital	\$49,267	\$0	0	State of Good Repair	2017	2017	N/A
Not mapped	Route 120 (Beach MAX)	Downtown Miami to Aventura Mall	Improve peak headways from 12 to 10 minutes	3,4,5	14	Operations	\$2,600	\$2,300	4	Headway Improvement	2020	2017	N/A
Not mapped	High-Cycle Switch Logic Control Cabinets	SW 1 St and SW 1 Ave	Replace the high-cycle Switch Logic Control Cabinets for Metromover	3,5	7	Capital	\$14,320	\$0	0	State of Good Repair	2018	2018	N/A
13	Busway Lot (Quail Roost Dr) Park and Ride	Busway and SW 184th St	Construct Park and Ride facility	8	11	Capital	TBD	TBD	0	Access Improvement	2018	2018	N/A
Not mapped	Rail Vehicle Replacement	Countywide	Overhaul and modernize existing standard size and purchase 136 new heavy rail buses	2,3,5,7,12,13	8	Capital	\$376,928	\$0	0	State of Good Repair	2018	2018	N/A
Not mapped	Metrorail LED Lighting	Countywide	Replace existing and install new LED lighting at all Metrorail stations	2,3,6,7	10	Capital	\$3,768	\$0	0	State of Good Repair	2018	2018	N/A
Not mapped	Route 27	Sun Life Stadium to Coconut Grove Metrorail	Extend route to new Transit Center located at NW 27 Avenue and NW 215 Street (Unity Station)	1,2,3,5,7	14	Operations	\$0	\$0	0	Route Extension	2019	2019	N/A
14	Dadeland North Metrorail - Elevators	8300 S Dixie Hwy	Construct additional elevators at Dadeland North Metrorail Station	7	4	Capital	\$3,327	\$0	0	Passenger Access	2019	2019	N/A
Not mapped	Metromover Improvements	Metromover	Replace various Mover system controls to include the Input Output, Data Transmission (Central Control and Wayside Interface High Speed System), the Platform LCD Sign Control Unit, and the Train Control System	3,5	7	Capital	\$82,613	\$0	0	State of Good Repair	2019	2019	N/A
Not mapped	Metrorail and Metromover Traction Power Cable and Transformer Replacement	Countywide	Replace traction power cable and transformer for Metrorail and Metromover	Countywide	10	Capital	\$12,000	\$0	0	State of Good Repair	2019	2019	N/A
Not mapped	Bus Replacement	Countywide	Replace buses to maintain the bus standard size replacement plan	Countywide	3	Capital	\$201,733	\$0	0	Bus Purchase	ongoing	ongoing	N/A
Not mapped	Infrastructure Renewal Plan	Various Sites	Replace and upgrade physical assets according to normal replacement cycles to include buses, facilities, systems, and equipment overhauls and acquisitions	Countywide	5	Capital	\$75,000	\$0	0	State of Good Repair	ongoing	ongoing	N/A
Not mapped	Associated Transportation Improvements	Countywide	Replace signage at Metrorail Systems; install bicycle-related amenities on buses and at locations such as Metrorail and Metromover stations; provide for other federally qualified passenger amenities or enhancements	2,3,5,7,12,13	4	Capital	\$2,979	\$0	0	State of Good Repair	ongoing	ongoing	N/A
Not mapped	Transportation Security Projects	Various Sites	Install security and safety improvements such as security surveillance, safety rails, security locks and lighting improvements throughout Miami-Dade County at all MDT facilities	Countywide	13	Capital	\$4,722	\$0	0	Safety Improvements	ongoing	ongoing	N/A
Not mapped	Route 3	Aventura to Downtown Miami	No planned service improvements. Replace 5 articulated buses with 5 standard size buses	2,3,4,5	14	Operations	\$0	\$0	5 -5A	Bus Reallocation	2021	2021	N/A
15	Busway Lot	Busway and SW 200th St	Construct Park-and-Ride facility with 150 parking spaces	11	9	Capital (Private Developer)	\$0	TBD	0	Access Improvement	TBD	2020	Privately Funded
16	Downtown Intermodal Terminal	East of the Government Center Metrorail Station between NW 1st Street and NW 3rd Street	Construct Transit Center	5	9	Capital (All Aboard Florida)	TBD	TBD	0	Station Improvements	TBD	TBD	Privately Funded
17	Senator Villas	SW 40th St between SW 89th Ave and SW 89th Ct	Construct Park-and-Ride facility	10	9	Capital (Private Developer)	\$0	TBD	0	Access Improvement	TBD	TBD	Privately Funded
							TOTAL COST (000s)	\$1,120,976	\$7,040	† 'A' denotes articulated bus			

Projects in purple are in the current MDT Capital Budget; projects in black were committed from previous budgets.

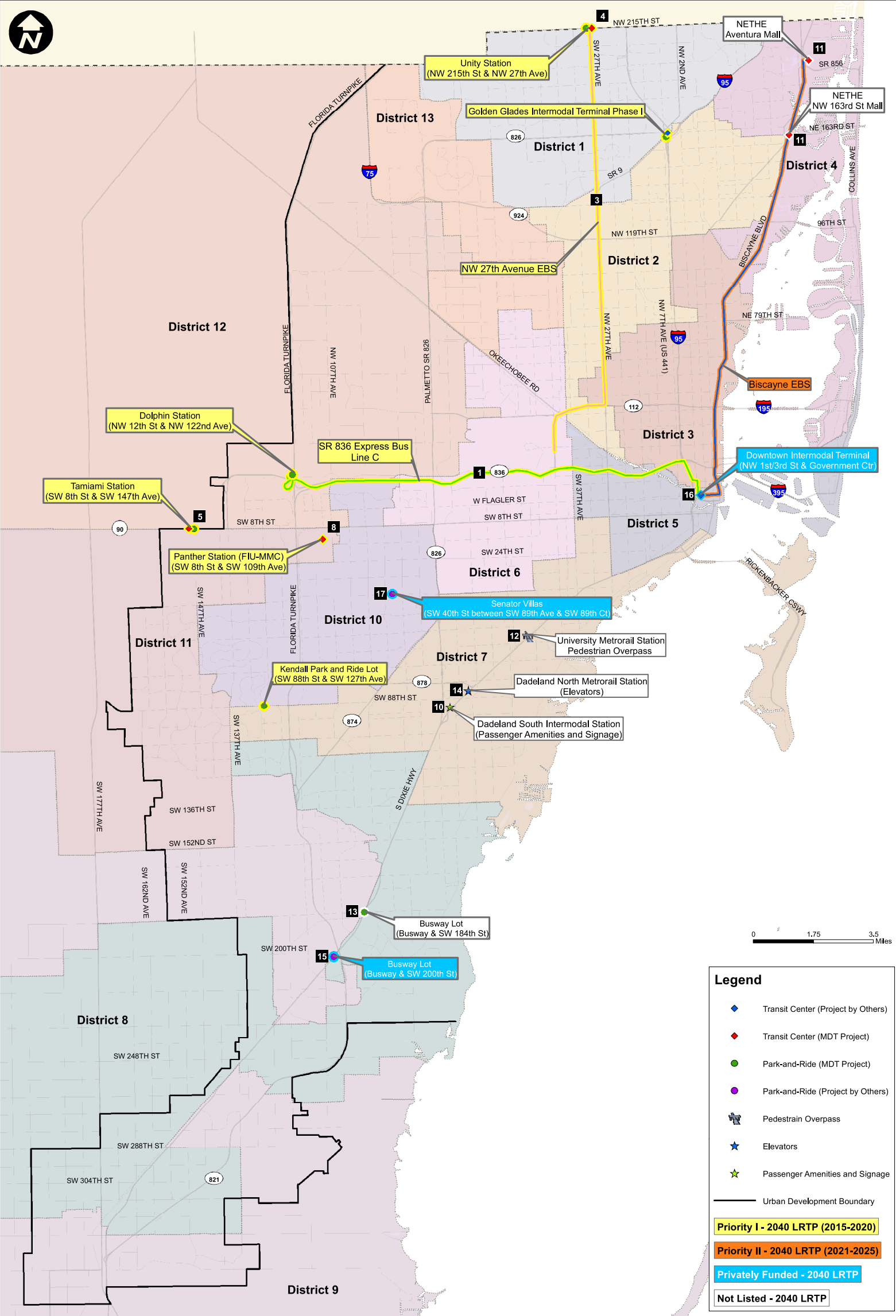
* This table is current as of December 31, 2014. Please note that the Miami-Dade MPO was considering a reprogramming of Transit Corridors - a final ranking was determined at the February 19, 2015 MPO Board meeting

§ Project Type Key	
1. ADA Accessibility Improvements	8. Metrorail Projects
2. Bus System Projects	9. New Passenger Facilities
3. Equipment Acquisition	10. Other
4. Facility Improvements	11. Park and Ride Improvements and New Facilities
5. Infrastructure Improvements	12. Passenger Facilities Improvements
6. Mass Transit Projects	13. Security Improvements
7. Metromover Projects	14. Service Adjustment

* Projects in green have been advanced from their original start date or are new; projects in red have been deferred, or cancelled

2040 LRTP	
Priority I	2015-2020
Priority II	2021-2025
Priority III	2026-2030
Priority IV	2031-2040

Figure 6-1: Funded Transit Projects FY 2016 – FY 2025



*EBS - Enhanced Bus Service

This page intentionally left blank

6.2 Partially Funded Transit Projects

Table 6-2 presents a listing of partially funded transit projects. MDT will continue to seek various funding opportunities for these projects in the future as funding becomes available.

This page intentionally left blank



Ten Year Implementation Plan

Table 6-2: Partially Funded Transit Projects FY 2016 - FY 2025

Map ID #	Project Name	Location	Project Description Reference MDT10Ahead Major Update Page	Commission District	Project		Cost (in 000s)			Number of Buses†	Type of Change	Status		2040 LRTP Status
					Type [§]	Phase	Total Capital Cost	Funded Capital Cost	O&M (Annual)			2014 Major Update Implementation Year	2015 Annual Update Implementation Year*	
1	SR 836 Express Bus A Line Express	SR 836 Express Bus A Line: Tamiami Station (US-41/SR 90/SW 8th Street and SW 147th Avenue) to the proposed Downtown Miami Intermodal Terminal (NW 1st Street and NW 1st Avenue)	A Line Express would provide premium express transit service along SR 836 from the proposed park-and-ride/transit center Tamiami Station (US-41/SR 90/SW 8th Street and SW 147th Avenue) to the proposed Downtown Miami Intermodal Terminal (NW 1st Street and NW 1st Avenue) via US-41/SR 90/SW 8th Street, SW 137th Avenue and SR 836. This route will operate during peak periods only. Service headways will be 10 minutes during the AM/PM peak-hour.	6,10,11,12	6	Operations	\$25,600	\$16,200	\$2,700	11A	New Express Bus Service	2019	2019	Priority I
2	SR 836 Express Bus B Line Express	SR 836 Express Bus Route B: Panther Tech Station at FIU's MMC and the Miami Intermodal Center (MIC)	B Line Express would provide premium express transit service between the proposed Panther Tech Station at FIU's MMC and the Miami Intermodal Center (MIC), via US-41/SR 90/SW 8th Street, SR 821/HEFT and SR 836. This route will operate all day with 20 minute headways. (Page 8-22)	6,10,11,12	6	Operations	Total cost included as part of Line A	Total cost included as part of Line A	\$1,900	Included as part of Line A	New Express Bus Service	2019	2019	Priority I
3	Route 51 Flagler Max	Downtown Miami to SW 137th Ave	Route to be transformed to the Flagler Enhanced Bus	5,6,10,11,12	14	Operations	\$0	\$0	\$0	-10	Route Rebrand	2021	2021	Partially Funded
	Flagler EBS	Florida International University - Downtown Miami	Route will provide premium limited-stop transit service along Flagler Street from Downtown Miami to Panther Station (Florida International University Modesto A. Maidique Campus)	5,6,10,11,12	6	Mass Transit Projects	\$36,000	\$23,000	\$3,600	10A -10	New Enhanced Bus Service	2021	2021	Priority I
4	Palmetto Intermodal Terminal	SR 826 (Palmetto Expressway) at NW 74th Street	MDT recommends that the FDOT SR 826/Palmetto Expressway Express Lanes PD&E Study address the feasibility of acquiring an 11.88-acre semi-vacant parcel of land located immediately south of the Palmetto Metrorail Station for the purpose of constructing the Palmetto Station Intermodal Terminal that will include but not be limited to: a minimum of 1,000 parking space garage which includes long-term parking, short-term parking, kiss-and-ride, pool-and-ride and a minimum of 12 bus bays. (Page 8-34)	12	11	Capital	\$25,000	\$8,600	TBD	N/A	Station Improvements	TBD	TBD	Priority III
Not Mapped	SR 90/SW 7th St/SW 8th St	SW 27th Ave to Brickell Ave	Operational and capacity improvements (PD&E study for bus only lanes)	5	10	Other	\$278	\$93	TBD	N/A	Roadway Redesign	TBD	TBD	Partially Funded
							TOTAL COST (000S)	\$86,878	\$47,893	\$8,200	† 'A' denotes articulated bus			

* This table is current as of December 31, 2014. Please note that the Miami-Dade MPO was considering a reprogramming of Transit Corridors - a final ranking was determined at the February 19, 2015 MPO Board meeting

* This table is current as of December 31, 2014. Please note that the Miami-Dade MPO was considering a reprogramming of Transit Corridors - a final ranking was determined at the February 19, 2015 MPO Board meeting

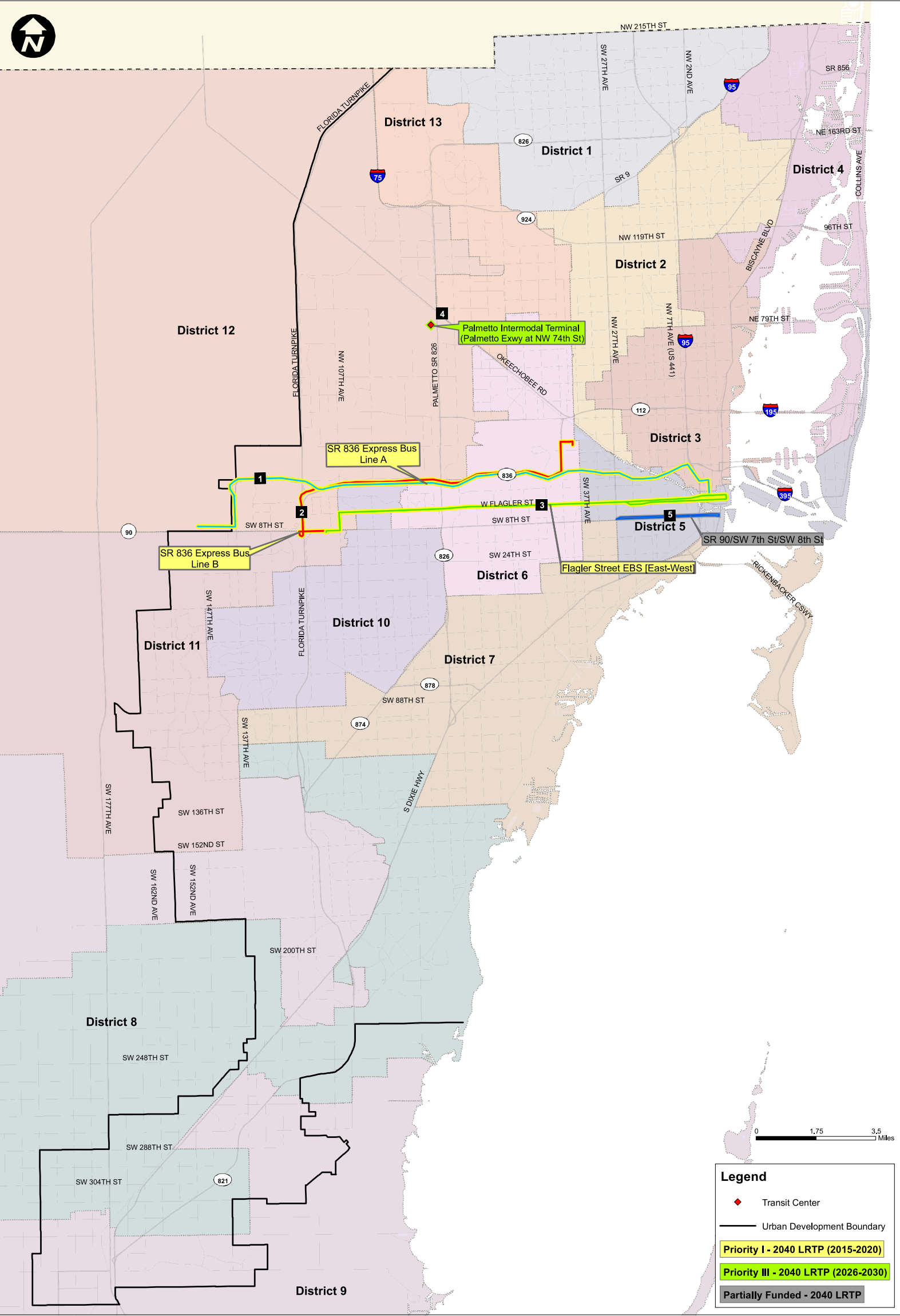
§ Project Type Key	
1. ADA Accessibility Improvements	8. Metrorail Projects
2. Bus System Projects	9. New Passenger Facilities
3. Equipment Acquisition	10. Other
4. Facility Improvements	11. Park and Ride Improvements and New Facilities
5. Infrastructure Improvements	12. Passenger Facilities Improvements
6. Mass Transit Projects	13. Security Improvements
7. Metromover Projects	14. Service Adjustment

* Projects in **green** have been advanced from their original start date or are new; projects in **red** have been deferred, or cancelled

2040 LRTP	
Priority I	2015-2020
Priority II	2021-2025
Priority III	2026-2030
Priority IV	2031-2040

This page intentionally left blank

Figure 6-2: Partially Funded Transit Projects FY 2016 – FY 2025



*EBS - Enhanced Bus Service

This page intentionally left blank

6.3 Unfunded Transit Projects

Table 6-3 presents a listing of unfunded transit projects. Please note that while the TDP Annual Update was being prepared MDT had not finalized the IRP evaluation and prioritization process results for FY 2015 – 2016. Once these results are final the following table will be updated. MDT will continue to pursue funding for these projects in the future.

This page intentionally left blank

Ten Year Implementation Plan

Table 6-3: Unfunded Transit Projects FY 2016 - FY 2025

Map ID #	Project Name	Location	Project Description Reference MDT10Ahead Major Update Page	Commission District	Project		Cost (in 000s)		Number of Buses	Type of Change	Status		2040 LRTP Status
					Type ⁵	Phase	Capital Cost	O&M (Annual)			2014 Major Update Implementation Year	2015 Annual Update Implementation Year*	
1	79 Street Enhanced Bus Service (FKA Route 79/79 Street MAX)	Northside Metrorail to Collins Ave via NW 79 St	Extend route to Miami Beach Convention Center. Improve peak headways from 24 to 10 minutes. Introduce weekend service with 15 minute headways. Route to be converted to Enhanced Bus Service	2,3,4	14	Operations	\$55,047	\$5,800	9	Route Extension & Improved Headway	2020	2025	Priority II
	Route 79 (79 Street Max)	Northside Metrorail to Collins Ave via NW 79 St	Route to be transformed to the 79 Street Enhanced Bus Service	2,3,4	14	Operations	\$0	-\$563	-4	Route Rebrand	2020	2025	Priority II
2	Busway Lot	Busway and SW 104th St	Lease Park and Ride facility with 250 parking spaces	7	9	Capital	\$0	\$116	0	Access Improvement	TBD	2025	Priority II
3	Busway Lot	Busway and SW 152nd St	Expand Park and Ride facility with new parking garage with 500 spaces	8	11	Capital	\$16,250	\$170	0	Access Improvement	TBD	2025	Priority II
4	NW 122nd Ave	NW 12th St to NW 41st St	Construction of new two-lane road	12	10	Capital	\$11,640	\$0	N/A	Roadway Construction	TBD	TBD	Priority II
5	Route 288 (Kendall Cruiser)	W. Kendall Terminal to Dadeland North Metrorail	Route to be transformed to Kendall Enhanced Bus	7,10,11	14	Operations	\$0	\$0	-9A	Route Rebrand	2023	2023	Priority II
	Kendall EBS	Kendall Dr between SW 162 Ave and Dadeland North Station	Phase 2 service improvements will consist of robust stations, queue jump lanes and bypass lanes, transit signal priority and real-time arrival information at stations.	7,10,11	6	Mass Transit Projects	\$30,000	\$0	9A	New Enhanced Bus Service	2023	2023	Priority II
6	Douglas Corridor EBS	NW/SW 37th Ave	Enhanced bus service from the Douglas Road Metrorail Station to the MIC. This is a phased project that proposes EBS, Light Rail, and eventually Metrorail, with dates TBD for the final two phases.	5,6,7	6	Mass Transit Projects	\$15,000	\$5,000	6	New EBS	N/A	2025	Priority II
7	Dadeland South Intermodal Station	Dadeland South Metrorail Station	Expand park-and-ride facility with 1,000 parking space garage	7	9	Capital	\$25,000	\$250	0	Station Improvements	TBD	2025	Priority II
8	Direct Ramps to Dolphin Station Transit Terminal	SR 821 HEFT Express Lanes to Dolphin Station	Construct direct access ramps to connect the SR 821 HEFT Express Lanes to Dolphin Station	12	5	Capital	\$4,500	N/A	N/A	Direct Access Ramps	2025 + Beyond	TBD	Priority II
Not Mapped	Route L (112)	Northside Shopping Center to South Beach	Improve peak headway from 12 to 10 minutes on weekdays from 6am to 8pm for the portion of the route between Northside Shopping Center to South Beach. Headways for the entire length of the route will be improved from 24 to 20 minutes.	2,3,4	14	Operations	\$0	\$1,200	3	Improve Headway	N/A	2017	N/A
Not Mapped	Route 33	NW 106 St & S River Dr to Miami Shores Village	Extend route to Flagler Station Development of Regional Impact (DRI)	2,3,12,13	14	Operations	\$650	\$300	1	Route Extension	2019	2019	N/A
Not Mapped	Route 87	Palmetto Metrorail to Dadeland North Metrorail	Extend route to Flagler Station Development of Regional Impact (DRI)	6,7,10,12	14	Operations	\$650	\$400	1	Route Extension	2019	2019	N/A
Not Mapped	Route 1	South Miami-Dade County	Extend route to Dadeland South Metrorail Station during weekday peak periods	8,9	14	Operations	\$0	\$880	3	Route Extension	2020	2020	N/A
Not Mapped	Route 12	Northside Metrorail Station to Mercy Hospital	Improve peak headway from 30 to 15 minutes and from 40 to 20 minutes on weekends	2,3,5,7	14	Operations	\$0	\$0	0	Improve Headway	2020	2020	N/A
Not Mapped	Route 10	Miami Gardens Dr to Downtown Miami	Extend route to Aventura Mall	2,3,4	14	Operations	\$650	\$1,400	1	Route Extension	2021	2021	N/A
Not Mapped	Route 252 (Coral Reef MAX)	Country Walk to Dadeland South Metrorail	Operate later evening service into the Zoo Miami Entertainment Complex	7,8,9,11	14	Operations	\$0	\$80	0	Increase Service Span	2022	2022	N/A
Not Mapped	Parking Garage Overhaul, Metrorail Stations Refurbishment And Transit Facilities Roof Replacement	Metrorail	Perform a general overhaul at 6 parking garages from the original 1984 Metrorail construction: Okeechobee, Earlington Heights, Santa Clara, South Miami, Dadeland North, and Dadeland South. Perform a general overhaul at the MLK rail station parking garage. Scope of work includes: metal doors, lighting, parking stops, irrigation, drainage, sump pumps, and plumbing.	2,3,5,7,12,13	8	Metrorail Projects	\$32,000	TBD	0	State of Good Repair	N/A	N/A	N/A
Not Mapped	Metrorail Piers Grounding	Metrorail	The grounding system will be tested and repaired for the entire Metrorail guideway structure. Testing of the track system will be performed to ensure it is not grounded and meets present FTA standards. This will be performed by an outside testing service. Repairs and re-testing will also be accomplished using an outside contracting service.	2,3,5,7,12,13	8	Metrorail Projects	\$5	\$0	0	State of Good Repair	N/A	N/A	N/A
Not Mapped	Metrorail Redundant Track Circuit And Ac Unit Substation	Metrorail	Replace all major power components in all AC Unit substations. Project will include SCADA communication equipment and all associated sub sets, as well as implementation to interface with Central Control.	2,3,5,7,12,13	8	Metrorail Projects	\$28	\$0	0	State of Good Repair	N/A	N/A	N/A
Not Mapped	Metrorail And Metromover Guideway Improvements/Modernization	Metrorail/Metromover	Provide all the necessary labor, equipment, and materials to repaint all the existing steel girders supporting the guideway of Metromover's Inner Loop and Omni Extension as well as for Metrorail. The scope of work will include surface preparation (removal of all loose coating material, water soluble salts and rust), furnishing and applying the selected coating system and subsequent testing thereof.	2,3,5,7,12,13	6	Mass Transit Projects	\$40,000	\$0	0	State of Good Repair	N/A	N/A	N/A
Not Mapped	Escalator And Elevator Replacement	Metrorail/Metromover	Replacement of escalators at 22 Metrorail Stations and 21 Metromover Stations. Elevator refurbishment at 22 Metrorail Stations, 21 Metromover Stations William Lehman Field, Metromover, Maintenance Facility and 3 bus garages. Refurbish 92 elevators system wide and replace 80 escalators.	2,3,5,7,12,13	12	Passenger Facilities Improvements	\$31,000	\$0	0	State of Good Repair	N/A	N/A	N/A
Not Mapped	IRP - Bus Replacement Plan	Countywide	Capital purchase to replace older existing vehicles and add vehicles to the fleet to improve service and reliability.	Countywide	3	Equipment Acquisition	\$216,000	\$0	640	State of Good Repair	N/A	N/A	N/A
Not Mapped	IRP - Bus Maintenance Component Replacement Plan	Countywide	Replacement of major components that have reached the end of their expected useful life cycle to improve vehicle reliability and availability.	Countywide	3	Equipment Acquisition	\$16,370	\$0	N/A	State of Good Repair	N/A	N/A	N/A
Not Mapped	IRP - Traction Power Gap Ties	Metrorail	Replace major power components at gap ties in three (3) locations throughout the Metrorail system.	2,3,5,7,12,13	8	Metrorail Projects	\$5,680	\$0	0	State of Good Repair	N/A	N/A	N/A



Ten Year Implementation Plan

Table 6-3: Unfunded Transit Projects FY 2016 - FY 2025

Map ID #	Project Name	Location	Project Description Reference MDT10Ahead Major Update Page	Commission District	Project		Cost (in 000s)		Number of Buses	Type of Change	Status		2040 L RTP Status
					Type ⁵	Phase	Capital Cost	O&M (Annual)			2014 Major Update Implementation Year	2015 Annual Update Implementation Year*	
Not Mapped	IRP - Train Control Systems Replacement	Metrorail	Replace the Train Control systems vital, non-vital, and track circuit systems for the entire Metrorail system.	2,3,5,7,12,14	8	Metrorail Projects	\$67,950	\$0		State of Good Repair	N/A	N/A	N/A
Not Mapped	IRP - Wayside Overhaul	Metrorail	Overhaul and repair of all major wayside components: 1) Power Distribution System, 2) Automatic Train Control System, 3) Central Control modifications, 4) Switch and interlocking components.	2,3,5,7,12,16	8	Metrorail Projects	\$32,980	\$0	0	State of Good Repair	N/A	N/A	N/A
Not Mapped	IRP - Switch Machine Cable - Yard	Metrorail	Replace the switch machine in the entire Yard area.	2,3,5,7,12,18	8	Metrorail Projects	\$4,340	\$0	0	State of Good Repair	N/A	N/A	N/A
Not Mapped	IRP - AC Unit Substations - Palmetto Yard	Metrorail	Replace all major power components in the AC unit substations at Palmetto Yard.	2,3,5,7,12,19	8	Metrorail Projects	\$8,590	\$0	0	State of Good Repair	N/A	N/A	N/A
Not Mapped	IRP - Switch Machine Cable- Mainline	Metrorail	Replace all the switch machine on the entire mainline.	2,3,5,7,12,20	8	Metrorail Projects	\$2,650	\$0	0	State of Good Repair	N/A	N/A	N/A
Not Mapped	IRP - Replace Switch Machines - Yard	Metrorail	Replace all track switch machines (YM-2) at Palmetto Yard.	2,3,5,7,12,21	8	Metrorail Projects	\$2,940	\$0	0	State of Good Repair	N/A	N/A	N/A
Not Mapped	IRP - Traction Power Cabling	Metrorail	Replace all cable in conduit for 750 volt DC traction power system for Metrorail.	2,3,5,7,12,23	8	Metrorail Projects	\$15,190	\$0	0	State of Good Repair	N/A	N/A	N/A
Not Mapped	IRP - Fastener Replacement Station Areas	Metrorail	Replace rail fasteners at the Metrorail stations.	2,3,5,7,12,22	8	Metrorail Projects	\$4,180	\$0	0	State of Good Repair	N/A	N/A	N/A
Not Mapped	IRP - Metromover Wayside Overhaul	Metromover	This project includes the overhaul and repair of all major wayside components.	3,5	7	Metromover Projects	\$72,344	\$0	0	State of Good Repair	N/A	N/A	N/A
9	Beach Connection (Express Bus)	Downtown	Transit improvement linking Downtown Miami to the Miami Beach Convention Center. This project is proposed as a phased improvement; starting with Express Bus, and eventually upgrading to Light Rail.	3,4,5	6	Mass Transit Projects	\$40,000	\$1,000	12	New Express Route	N/A	N/A	N/A
Not Mapped	Route 17	NW 199 St to Vizcaya Metrorail Station	Extend route to Golden Glades Multimodal Terminal	1,2,3,5	14	Operations	\$0	\$0	0	Route Extension	2020	No planned improvement	N/A
TOTAL COST (000S)							\$751,634	\$16,033					

Projects in purple are in the current MDT Capital Budget; projects in black were committed from previous budgets.

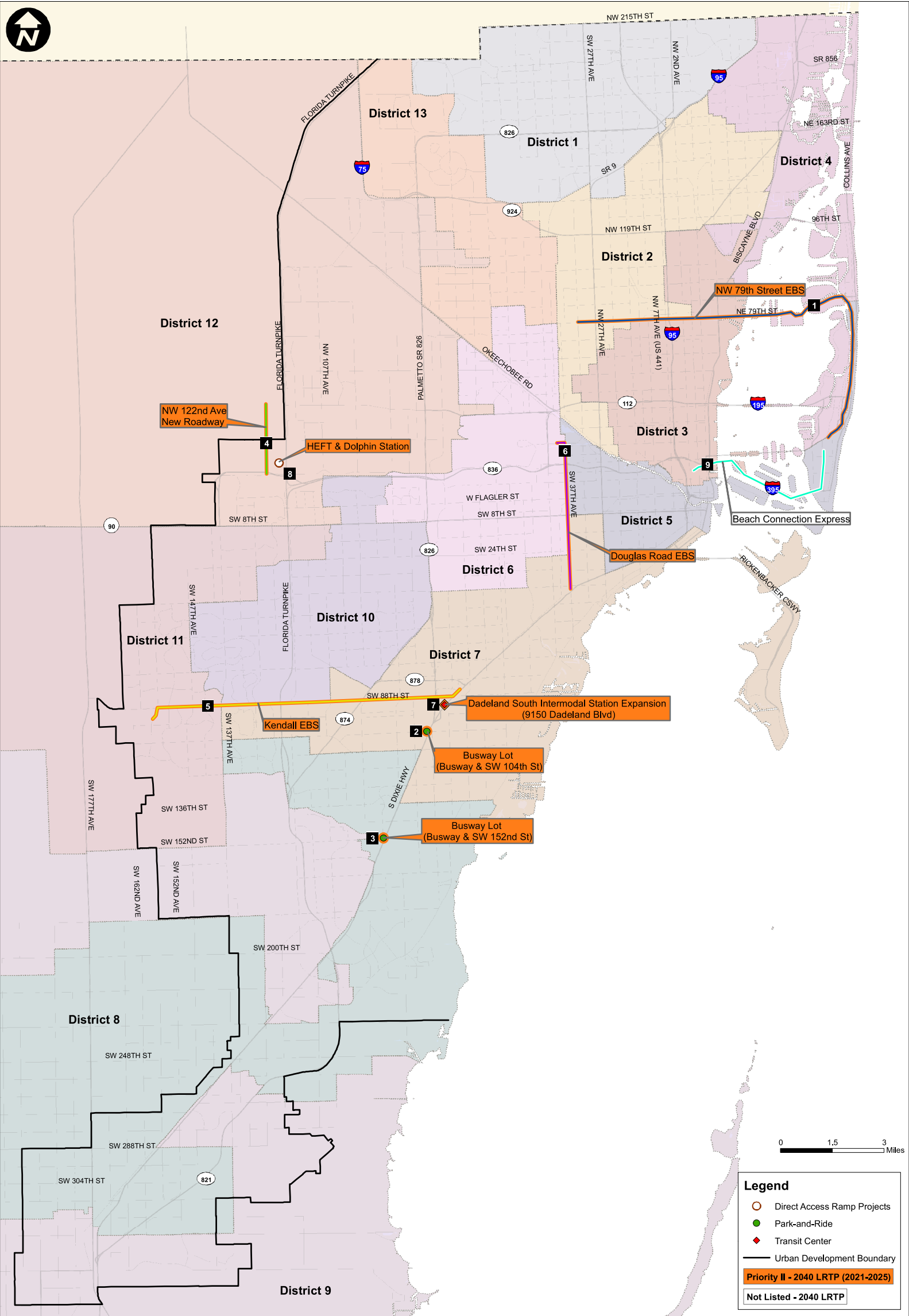
* This table is current as of December 31, 2014. Please note that the Miami-Dade MPO was considering a reprogramming of Transit Corridors - a final ranking was determined at the February 19, 2015 MPO Board meeting

§ Project Type Key	
1. ADA Accessibility Improvements	8. Metrorail Projects
2. Bus System Projects	9. New Passenger Facilities
3. Equipment Acquisition	10. Other
4. Facility Improvements	11. Park and Ride Improvements and New Facilities
5. Infrastructure Improvements	12. Passenger Facilities Improvements
6. Mass Transit Projects	13. Security Improvements
7. Metromover Projects	14. Service Adjustment

* Projects in green have been advanced from their original start date or are new; projects in red have been deferred, or cancelled

2040 L RTP	
Priority I	2015-2020
Priority II	2021-2025
Priority III	2026-2030
Priority IV	2031-2040

Figure 6-3: Unfunded Transit Projects FY 2016 – FY 2025



*EBS - Enhanced Bus Service

This page intentionally left blank